

Name: _____

at1110paper__practice__test (v37)

1. Expand the following expression into standard form.

$$(7x - 8)(3x - 4)$$

2. Solve the equation.

$$(5x - 4)(8x + 3) = 0$$

3. Expand the following expression into standard form.

$$(9x + 5)(9x - 5)$$

4. Expand the following expression into standard form.

$$(7x + 2)^2$$

5. Factor the expression.

$$x^2 + x - 42$$

6. Factor the expression.

$$64x^2 - 49$$

7. Solve the equation with factoring by grouping.

$$8x^2 - 20x + 6x - 15 = 0$$

8. Solve the equation.

$$7x^2 + 2x + 6 = 2x^2 - 5x + 4$$